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MINUTES OF THE MEETING OF THE BOARD OF DIRECTORS, HELD IN
THE SOCIETY'S ROOMS, 408 CALIFORNIA STREET,
JANUARY 25, 1890.

The President being unavoidably absent, Vice-President PIERSON presided.

A quorum was present.

The minutes of the last meeting were read and approved.

MATEO CLARK, of London, and ADOLPH SUTRO, of San Francisco, were elected to life membership, subject to the approval of the Society.

The following resolution was unanimously adopted:

Resolved, That the following disposition of the ALEXANDER MONTGOMERY FUND, is approved and ordered to be carried out:

THE ASTRONOMICAL SOCIETY OF THE PACIFIC.

We, the undersigned, composing three-fourths in number of the Board of Directors of the Astronomical Society of the Pacific, hereby exercise the discretion conferred on us by the terms of the gift of twenty-five hundred dollars made to said Society by ALEXANDER MONTGOMERY, Esq., on December 12, 1889, and hereby elect that said fund of twenty-five hundred dollars shall be employed as follows:

One thousand dollars of the principal thereof is hereby set apart to be used in the purchase of a library for said Society, to be composed of books, maps and charts pertaining to the science of Astronomy.

Fifteen hundred dollars thereof shall be safely invested in such manner as the Board of Directors shall determine, and the revenue derived therefrom, or so much thereof as may from time to time be by said Board deemed judicious, shall be used in adding to and preserving said library.

Said library when purchased shall be forever known as the ALEXANDER MONTGOMERY LIBRARY of the Society, and said fund shall be forever known as the ALEXANDER MONTGOMERY LIBRARY FUND of the said Society.

In Witness Whereof, we have hereto set our hands this 13th day of January, A. D. 1890.

WILLIAM ALVORD,	C. MITCHELL GRANT,	E. J. MOLERA,
C. BURCKHALTER,	E. S. HOLDEN,	WM. M. PIERSON,
W. C. GIBBS,	W. H. LOWDEN,	F. SOULÉ.

It was *Resolved*, That complete volumes of the Publications of the Society for past years be furnished to members for one dollar per volume, so far as the stock on hand is sufficient.

The following amended By-Laws were proposed, and approved by the members present:

BY-LAWS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC.

ARTICLE I.

This Society shall be styled the ASTRONOMICAL SOCIETY OF THE PACIFIC. Its object shall be to advance the Science of Astronomy, and to diffuse information concerning it.

ARTICLE II.

This Society shall consist of Active, Life, Corresponding and Honorary members, to be elected by the Board of Directors.

1. Active members shall consist of persons who shall have been elected to membership and shall have paid their dues as hereinafter provided.

2. Life members shall consist of persons who shall have been elected to life membership and shall have paid \$50 (fifty dollars) to the Treasurer of the Society.

3. Corresponding members shall consist of persons not residing on the Pacific Coast, who shall have been elected as such.

4. Honorary members shall consist of persons specially distinguished for their attainments in Astronomy, not to exceed thirty in number, who shall have been elected as such.

Corresponding and Honorary members shall pay no dues, shall not be eligible to office, shall have no votes, and shall receive the Publications of the Society.

5. A certain number of Observatories, Academies of Science, Astronomical Societies, institutions of learning, etc., not to exceed one hundred, shall be designated by the Board of Directors as Corresponding Institutions, and they shall receive the Publications of this Society in exchange or otherwise.

ARTICLE III.

At each annual election there shall be elected a Board of eleven Directors, and a Committee on Publication, consisting of three members. The officers of this Society shall be a President, three Vice-Presidents, two Secretaries and a Treasurer. The Directors shall organize immediately after their election, and elect from their number the officers of the Society. They may also appoint a Librarian, and such other assistants as may be required. The Directors shall fill by appointment any vacancies which may occur after the annual election.

The Library of the Society shall be kept in San Francisco, and shall be open to the use of all the members.

ARTICLE IV.

The President, or, in his absence, one of the three Vice-Presidents, or, in the absence of both the President and the Vice-Presidents, any member whom the Society may appoint shall preside at the meetings of the Society. It shall be the duty of the President to preserve order, to regulate the proceedings of the meetings, and to have a general supervision of the affairs of the Society. The President is *ex-officio* a member of all Committees of the Board of Directors.

ARTICLE V.

The Secretaries shall keep and have the custody of the records; they shall have the custody of all other property of the Society, excepting the money thereof; they shall give timely notice of the time and place of meetings; they shall keep in books a neat and accurate record of all orders and proceedings of the Society, and properly index them; they shall conduct the correspondence of the Society; they shall preserve and index the originals of all communications addressed to the Society; and keep a copy of all their letters, properly indexed; and they shall prepare for publication an accurate summary of the transactions of the Society at each of its meetings.

ARTICLE VI.

The Treasurer shall receive and deposit in such bank as may be designated by the Directors, to the credit of the Society, all donations and bequests of money and all other sums belonging to the Society. He shall keep an account of all money received and paid by him, and at the annual meetings shall render a particular statement of the same to the Society. Money shall be paid by him only on the written order of the Finance Committee of the Board of Directors. He shall give such bonds as may be required by the Board of Directors.

ARTICLE VII.

Candidates for active or life membership may be proposed by any member of the Society to either of the Secretaries, in writing. A list of such candidates shall be certified to the Board of Directors by the Secretaries at each of their meetings, in writing. A majority (not less than three) of the Directors present at any such meeting shall be required for election.

ARTICLE VIII.

Each active member shall pay an annual subscription of five dollars, due on the first of January of each year, in advance. Each active member shall, on his election, pay into the Treasury of this Society the sum of five dollars, which shall be in lieu of the annual subscription to the first of January following his election, and in lieu of an initiation fee. No one shall be deemed an active member, or receive a diploma, until he has signed the register of members, or accepted his election to membership in writing, and paid his dues for the current year. Any member may be released from annual dues by the payment of fifty dollars at one time, and placed on the roll of life members by the vote of the Board of Directors. Any failure on the part of a member to pay his dues within six months after the time the same shall have become payable, shall be considered equivalent to a resignation.

ARTICLE IX.

The annual meeting of this Society shall be held on the last Saturday in March at eight o'clock P. M., at the rooms of the Society in San Francisco; and bi-monthly meetings shall be held for the ordinary transactions and purposes of the Society, as follows:

Meetings shall be held in the Library of the Lick Observatory, Mount Hamilton, at a suitable hour on the last Saturday of May, the second Saturday of July and the second Saturday of September; and meetings shall be held in the rooms of the Society, in San Francisco, at eight o'clock P. M., on the last Saturdays of January, March and November.

A special meeting may be called by the President, or, in his absence or disability, by one of the Vice-Presidents; or, in the absence or disability of both the President and the Vice-Presidents, by the Secretary, on the written requisition of ten active or life members; and the object of such meeting shall be stated in the notice by which it is called.

The annual election shall be held on the day of the annual meeting, between the hours of 8:15 and 9 P. M.

Only active and life members shall be permitted to vote at any meeting of the Society, and no one shall vote who has not paid all his dues for past and current years. There shall be no voting by proxy.

ARTICLE X.

Fifteen active or life members shall be a quorum for the transaction of business.

ARTICLE XI.

No papers or manuscripts shall be published by the Society without the consent of the Directors. Any motion to print an address, or other paper read before the Society, or any other matter belonging to the Society, shall be referred to the Committee on Publication, who shall report to the Directors. The Committee on Publication may make suggestions to the Directors, from time to time, with reference to the publication of such papers as in their judgment should be published by the Society; and this Committee shall have the care, direction and supervision of the publication of all papers which the Directors may authorize to have published.

Members of the Society shall receive all the publications of the Society free of charge.

ARTICLE XII.

This Society may, by a vote of the majority of all its active and life members, become a branch of an American Astronomical Society, should one be formed.

ARTICLE XIII.

It shall be the duty of the Directors, in case any circumstances shall arise likely to endanger the harmony, welfare or good order of the Society, to call a special meeting of the Society; and if, at such meeting, after an examination of the charges, and hearing the accused, who shall have personal notice of such proceedings, it shall be proposed that the offending member or members shall be expelled, a vote by ballot shall be taken, and if two-thirds of the members present vote in favor thereof, the offending member or members shall be expelled.

ARTICLE XIV.

The Directors shall meet half an hour before the stated time of each bi-monthly meeting, and at such other times as they may appoint. The President, or, in his absence, any one of the Vice-Presidents, may call special meetings of the Board of Directors at any time. Notice of the time and place of such meeting shall be given by the Secretaries, by depositing in the post-office at San Francisco a notice of the time and place, addressed to each Director personally, at his last known place of residence, with the postage thereon prepaid, six days before the time of meeting.

ARTICLE XV.

The By-Laws may be amended at any time by a consenting vote of nine members of the Board of Directors at any duly called meeting thereof.

It was *Resolved* to request Messrs. DONOHUE, KELLY & Co. to keep the Comet medal and dies in their bank-vaults, which they have kindly consented to do.*

It was *Resolved*, That the polls be open from 8 to 9 P. M. at the annual meeting on 29th March, 1890, for the election of eleven Directors and a Committee of three on Publication.

A Library Committee was appointed, consisting of Messrs. MOLERA, BURCKHALTER and PIERSON, to take charge of the one thousand dollars to be used for the purchase of books for the library. Mr. BURCKHALTER was appointed Librarian, and the Committee was given power to act in matters pertaining to the purchase and conduct of the library.

The Treasurer presented his bi-monthly report, which was received and filed.

The bills presented by the Secretary and Treasurer were approved and ordered paid.

The Library Committee was requested to consult with the Mercantile Library Association, and to see if an arrangement can be effected by which the books of the Society can be deposited and cared for in the Mercantile Library.

The meeting then adjourned.

MINUTES OF THE MEETING OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC, HELD JANUARY 25, 1890, IN THE ROOMS OF THE SOCIETY, SAN FRANCISCO.

President HOLDEN, being snow-bound on Mount Hamilton, Vice-President PIERSON took the Chair.

The minutes of the last meeting were read and approved.

The Secretary announced the receipt of seventy-five presents and publications, among which were two large drawings of *Jupiter* by Professor KEELER, made at the Lick Observatory in July, 1889. The thanks of the Society were returned to the donors.

On motion, the following Committees were appointed by the Chair, to report at the annual meeting, March 29th.

A Committee of three—Messrs. STRONG, GITCHELL and GRAY, to audit the accounts of the Treasurer.

A Committee of seven—Messrs. GODDARD, CEBRIAN, CHURCH, LEWITT, RUNYON, ZIEL and TREAT, to nominate eleven Directors and a Committee on Publication of three members, for election at the annual meeting.

The Chair announced the success of the Lick Observatory eclipse party, sent to South America by Colonel C. F. CROCKER.

The following members were then elected (the names of life members, duly elected by the Board of Directors, are marked with a star (*)).

W. STEADMAN ALDIS,	University College, Auckland, N. Z.
JOSÉ A. Y BONILLA,	Plaza del Mercado 22, Zacatecas, Mexico.
Rev. MARTIN S. BRENNAN, . . .	3949 Iowa Street, St. Louis, Mo.
A. R. CHURCH,	1102 Tenth Street, Oakland.
MATEO CLARK,*	27 Queen's Gate, London, England.
Hon. LEVI K. FULLER,	Brattleboro, Vermont.
Prof. M. W. HARRINGTON, . . .	Director of Observatory, Ann Arbor, Mich.
HUGH HOWELL,	1413 Brush Street, Oakland, Cal.
Prof. D. KIRKWOOD, LL. D. . . .	Arlington Avenue, Riverside, Cal.
Prof. IRA MORE,	State Normal School, Los Angeles, Cal.
T. S. PALMER,	Dept. of Agriculture, Washington, D. C.
Hon. ADOLPH SUTRO,*	74 Montgomery Block, San Francisco, Cal.
JAMES L. SCOTT,	Turnbull, Howie & Co., Shanghai, China.
Hon. ROBERT SHERWOOD,	309 California Street, San Francisco, Cal.
P. V. VEEDER, D. D.	Laurel Hall, San Mateo, Cal.
FREDERICK G. WATTLES,	Box 2433, Denver, Colorado.

* An excellent photo-lithograph of the Comet medal is given in the plate facing page 32.